

# Clarke®



## CORDLESS COMPRESSOR WITH SPOTLIGHT + JUMP START

MODEL NO: CSS1

PART NO: 6240055

### OPERATION & MAINTENANCE INSTRUCTIONS



LS0610



## INTRODUCTION

Thank you for purchasing this CLARKE product.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

## GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

## ENVIRONMENTAL PROTECTION



Do not dispose of this product with general household waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of according to the laws governing Waste Electrical and Electronic Equipment.

## GENERAL SAFETY RULES



**WARNING: ALL LEAD ACID BATTERIES GENERATE HYDROGEN GAS DURING NORMAL OPERATION. THIS PROCESS INCREASES DURING A PERIOD OF RAPID DISCHARGE, SUCH AS WHEN USING FOR JUMPSTARTING.**

**WARNING: HYDROGEN GAS AND BATTERY ACID (SULPHURIC ACID) CAN BE EXPLOSIVE, CORROSIVE TO SKIN, EYES AND HAIR, DAMAGING TO CLOTHING AND METALS, FLAMMABLE, POISONOUS TO BREATHE.**

1. ALWAYS ensure when in use that there is air circulating around the unit.
2. Although the unit is water resistant and may be used outdoors, DO NOT leave it exposed to the elements. Avoid direct sunlight, direct heat, rain/moisture etc.
3. The unit is designed for use with 12V systems.
4. Do not operate the unit if the case is damaged. Consult your Clarke dealer or a qualified person for inspection and repair.
5. To prevent battery overheating and consequent damage, do not exceed 6 seconds duration when jump starting.
6. The unit is NOT designed to be used as a replacement for a vehicle battery.
7. NEVER allow the battery to become completely discharged.
8. NEVER jump start the engine whilst the unit is being charged.
9. NEVER attempt any repairs yourself. If you have a problem with the unit contact your local CLARKE dealer.
10. Always keep body and clothing dry. Never work in damp area without adequate insulation against electric shock.
11. Always store the unit out of reach of children.
12. Always wear safety glasses when working with lead acid batteries.
13. If splashed by battery acid, immediately flush the area of the splash with clean water. If a burning sensation is felt or any blistering occurs, seek medical help.
14. If battery acid comes into contact with the eyes, flush the eyes with clean water continuously and seek medical help.

## SAFETY SYMBOLS



Class II appliance

Always read instructions before use

## Electrical Hazard due to exposed live terminals

## Chemical Hazard from battery acid

## USB Port

Live centre pin

Suitable for indoor use only (refers to mains adaptor only)

Subject to Waste Electrical & Electronic Directive

## OVERVIEW



NO	DESCRIPTION	NO	DESCRIPTION
1	Control Switches	5	Pressure Gauge
2	DC 12V Socket	6	Spotlight
3	LED Lights	7	USB Charger
4	Air Hose Storage	8	Charging Jack Socket

## CHARGING

### TO ENSURE MAXIMUM LIFE FROM THE BATTERY.

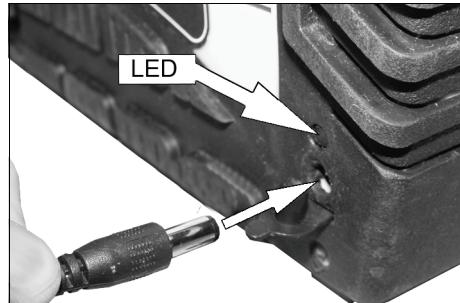
- Charge this unit before using it for the first time.
- Recharge after every use if possible, and thereafter, once every three months. Always avoid leaving the unit in a state of discharge.

### CHARGING USING THE MAINS ADAPTOR

1. Insert the charger lead into the charging jack socket.
2. Connect the mains adaptor to the mains outlet.
  - The red LED will illuminate to when the unit is charging.

#### CHARGING TIME

- First charge - 28 Hours
- Subsequent charges - 24-26 hours



### CHARGING USING THE 12 VOLT CAR CIGARETTE SOCKET



**WARNING: BEFORE USING THE DC POWER SOURCE FROM THE CAR CIGARETTE SOCKET CHECK THAT ITS FUSE RATING IS RATED AT 15A OR HIGHER.**

1. Plug one end of the DC charging cable into the units charging socket
2. Insert the other end into the running vehicle's cigarette lighter socket.
  - The red LED will illuminate when the unit is charging.

#### CHARGING TIME

- 8-10 Hours

## USING THE CSS1 VIA THE CAR CIGARETTE SOCKET

1. With the vehicle running, Connect the end of the 12V male-to-male car power cord which does not have a LED light on it to the DC 12V socket on your CSS1.
2. Put the other end (which has a LED on it) into the vehicle's lighter socket.
3. Select the required function using the switches as normal.

## OPERATION

### USING THE AIR COMPRESSOR

The outlet hose is stored inside the compartment behind the spotlight.

1. Swing the light housing up as shown, and extend the air hose fully before use.
2. Switch the air compressor ON by pressing the COMP switch.
  - The air pressure will be indicated on the pressure gauge.
3. Switch OFF the compressor before disconnecting the air hose and coiling it back in to the compartment.



**WARNING: THE PRESSURE GAUGE IS ONLY TO BE USED AS A REFERENCE.  
ALWAYS CARRY OUT A FINAL CHECK OF THE TYRE PRESSURE WITH A  
GAUGE CONFORMING TO BS EN 12645**

### USING THE SPOTLIGHT

1. Press the light switch on the top of the unit.
2. You can adjust the angle of the light as shown.



### USING THE LED LIGHTS

1. Press the LED switch on top of the unit.
  - The 3 LEDs on the side will light up.

## USING THE USB CHARGER

1. Insert the USB cable into the USB socket on the side of the unit.
2. Press the USB switch on the top of the unit.
  - This will supply a maximum 5V at 500mA

## USING THE EMERGENCY CAR STARTER



**WARNING: FAILURE TO FOLLOW THE INSTRUCTIONS BELOW AND THE SAFETY INSTRUCTIONS ON PAGE 4, MAY RESULT IN PERSONAL INJURY, DAMAGE TO THE VEHICLE, OR THE POSSIBILITY OF AN EXPLOSION.**

1. Turn off all lights and all other accessories (radio, etc) in the vehicle.
  - You may keep one small vehicle light or dial turned on to aid in determining if the battery is charging.
  - Make sure the vehicle's 12V Socket is clean and free of debris.
2. Connect the end of the 12V male-to-male car power cord which does not have a LED light on it to the DC 12V socket on your CSS1.
3. Put the other end (which has a LED on it) into the vehicle's lighter socket.
4. Set both switches to the central (off) position.
  - The Indicator Light on the 12V male-to-male car power cord will illuminate, and the light or dial left on in the vehicle should brighten.
  - If the light or dial does not brighten, turn the ignition key ONLY as far as the accessory position (see vehicle owner's manual) In some vehicles, this is necessary for the 12V socket to operate.
5. If the light or dial still does not brighten, turn off the light or dial and allow this unit to remain connected to the vehicle for at least 35 minutes.
6. Disconnect the CSS1 and attempt to start the vehicle.



**WARNING: BEFORE ATTEMPTING TO START VEHICLE, THIS UNIT MUST BE REMOVED FROM THE VEHICLE'S 12V SOCKET.**



**CAUTION: DO NOT ATTEMPT TO START THE ENGINE MORE THAN TWICE, IF THE VEHICLE DOES NOT START BY THE SECOND ATTEMPT, CALL A SERVICE CENTER OR TOW TRUCK.**

## MAINTENANCE

### CLEANING

- Wipe the body of the unit clean using a soft damp cloth.
- Do not use harsh abrasives to clean this product.

### SERVICE AND REPAIR

- All servicing and repair must be carried out by qualified service technicians.

### STORAGE

- When not in use, store in a safe dry place.

## SPECIFICATIONS

Model Number	CSS1
Battery Capacity	2 x 6V, 6AH / 20HR
AC Charger Lead Length	1800 mm
DC Charger Lead Length	1900 mm
USB Output	5V @ 500mA
Air Compressor (Max Pressure / Displacement)	260 PSI / 0.4 cfm
Spotlight Bulb Type	12V H3 15W
Dimensions (L X W X H)	260 x 125 x 170 mm
Weight	3 kg

Please note that the details and specifications contained herein, are correct at the time of going to print. CLARKE International reserve the right to change specifications at any time without prior notice.

## DECLARATION OF CONFORMITY



**Clarke**<sup>®</sup>  
**INTERNATIONAL**

Hemmall Street, Epping, Essex CM16 4LG

### DECLARATION OF CONFORMITY

**This is an important document and should be retained.**

We hereby declare that this product(s) complies with the following directive(s):

- 2004/108/EC Electromagnetic Compatibility Directive.
- 2006/42/EC Machinery Directive.
- 2006/95/EC Low Voltage Equipment Directive.
- 2002/95/EC Restriction of Hazardous substances.

The following standards have been applied to the product(s):

- EN 55014-1:2006, EN 55014-2:1997+A1:2001, EN 55015:2006, EN 6147:1995+A1:2000,
- EN 61000-3-2:2006, EN 61000-3-3:1995+A1:A2:2005, EN 61000-6-3:2007,
- EN 60335-1:2002+A11:2004+A12:2006+A2:2006, EN 60335-2-29:2004

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2007

**Product Description:** Spotlight Compressor with Emergency Car Starter.

**Model number(s):** CSS1

**Serial / batch Number:** N/A

**Date of Issue:** 05/03/2010

Signed:

J.A. Clarke  
Director

## A SELECTION FROM THE VAST RANGE OF

**Clarke®**  
QUALITY PRODUCTS

## AIR COMPRESSORS

## **AIR COMPRESSORS**

From DIY to industrial, Plus air tools,  
spray guns and accessories.

## GENERATORS

Prime duty or emergency standby  
for business, home and leisure.

## POWER WASHERS

Hot and cold, electric and engine driven - we have what you need

## WELDERS

Mig, Arc, Tig and Spot.  
From DIY to auto/industrial.

## METALWORKING

Drills, grinders and saws for DIY  
and professional use.

## WOODWORKING

Saws, sanders, lathes, mortisers  
and dust extraction.

## Cranes, body repair kits and mission jacks for all types

transmission jacks for all types of workshop use.

## **WATER PUMPS**

submersible, electric and engine driven  
for DIY, agriculture and industry.

**POWER TOOLS**  
Angle grinders, cordless drill sets,  
saws and sanders..

**STARTERS/CHARGERS**  
All sizes for car and commercial use



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